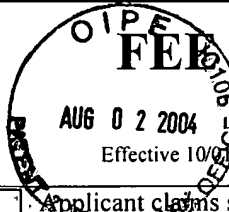


I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail on July 28, 2004 in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Ref. No.: 12439-0121

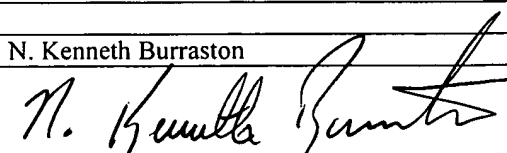
2812
IFW

Libby Hill

 FEE TRANSMITTAL for FY 2004 Effective 10/01/2001. Patent fees are subject to annual revision		Complete If Known		
		Application Number	10/087,081	
		Filing Date	March 1, 2002	
		First Named Inventor	Grube et al.	
		Examiner Name	S. Whitmore	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Art Unit	2812	
TOTAL AMOUNT OF PAYMENT		(\$) 180.00	Attorney Docket No.	P177-US

METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)																																																																																																																																																																																																		
<input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None <input type="checkbox"/> Deposit Account Account Number _____ Account Name _____ The Director is authorized to: (check all that apply) <input type="checkbox"/> Charge fee(s) indicated below <input type="checkbox"/> Credit overpayments <input type="checkbox"/> Charge any additional fee(s) or any underpayment of fee(s) <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.		3. ADDITIONAL FEES <table border="1"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>1051</td><td>130</td><td>2051</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>1052</td><td>50</td><td>2052</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>1053</td><td>130</td><td>1053</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>1812</td><td>2,520</td><td>1812</td><td>2,520</td><td>Request for <i>ex parte</i> reexam</td><td></td></tr> <tr><td>1804</td><td>920*</td><td>1804</td><td>920*</td><td>Publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>1805</td><td>1,840*</td><td>1805</td><td>1,840*</td><td>Publication of SIR after Examiner action</td><td></td></tr> <tr><td>1251</td><td>110</td><td>2251</td><td>55</td><td>Extension of one month</td><td></td></tr> <tr><td>1252</td><td>420</td><td>2252</td><td>210</td><td>Extension of two months</td><td></td></tr> <tr><td>1253</td><td>950</td><td>2253</td><td>475</td><td>Extension of three months</td><td></td></tr> <tr><td>1254</td><td>1,480</td><td>2254</td><td>740</td><td>Extension of four months</td><td></td></tr> <tr><td>1255</td><td>2,010</td><td>2255</td><td>1,005</td><td>Extension of five months</td><td></td></tr> <tr><td>1401</td><td>330</td><td>2401</td><td>165</td><td>Notice of Appeal</td><td></td></tr> <tr><td>1402</td><td>330</td><td>2402</td><td>165</td><td>Filing appeal brief</td><td></td></tr> <tr><td>1403</td><td>290</td><td>2403</td><td>145</td><td>Request for oral hearing</td><td></td></tr> <tr><td>1451</td><td>1,510</td><td>1451</td><td>1,510</td><td>Petition for public use hearing</td><td></td></tr> <tr><td>1452</td><td>110</td><td>2452</td><td>55</td><td>Pet. to revive - unavoidable</td><td></td></tr> <tr><td>1453</td><td>1,330</td><td>2453</td><td>665</td><td>Pet. to revive - unintentional</td><td></td></tr> <tr><td>1501</td><td>1,330</td><td>2501</td><td>665</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>1502</td><td>480</td><td>2502</td><td>240</td><td>Design issue fee</td><td></td></tr> <tr><td>1503</td><td>640</td><td>2503</td><td>320</td><td>Plant issue fee</td><td></td></tr> <tr><td>1460</td><td>130</td><td>1460</td><td>130</td><td>Petitions to Commissioner</td><td></td></tr> <tr><td>1807</td><td>50</td><td>1807</td><td>50</td><td>Fee under 37 CFR 1.17(q)</td><td></td></tr> <tr><td>1806</td><td>180</td><td>1806</td><td>180</td><td>Submission of IDS</td><td>180.00</td></tr> <tr><td>8021</td><td>40</td><td>8021</td><td>40</td><td>Record patent assignment</td><td></td></tr> <tr><td>1809</td><td>770</td><td>2809</td><td>385</td><td>Filing submission after final</td><td></td></tr> <tr><td>1810</td><td>770</td><td>2810</td><td>385</td><td>Each additional invention (37 CFR 1.129(a))</td><td></td></tr> <tr><td>1801</td><td>770</td><td>2801</td><td>385</td><td>RCE</td><td></td></tr> <tr><td>1802</td><td>900</td><td>1802</td><td>900</td><td>Request for expedited examination of design application</td><td></td></tr> <tr><td colspan="5">Other fee (specify) _____</td><td></td></tr> <tr> <td colspan="2">SUBTOTAL (1)</td> <td colspan="2">(\$)</td> <td>zero</td> <td></td> </tr> </tbody> </table>					Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	1051	130	2051	65	Surcharge - late filing fee or oath		1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet		1053	130	1053	130	Non-English specification		1812	2,520	1812	2,520	Request for <i>ex parte</i> reexam		1804	920*	1804	920*	Publication of SIR prior to Examiner action		1805	1,840*	1805	1,840*	Publication of SIR after Examiner action		1251	110	2251	55	Extension of one month		1252	420	2252	210	Extension of two months		1253	950	2253	475	Extension of three months		1254	1,480	2254	740	Extension of four months		1255	2,010	2255	1,005	Extension of five months		1401	330	2401	165	Notice of Appeal		1402	330	2402	165	Filing appeal brief		1403	290	2403	145	Request for oral hearing		1451	1,510	1451	1,510	Petition for public use hearing		1452	110	2452	55	Pet. to revive - unavoidable		1453	1,330	2453	665	Pet. to revive - unintentional		1501	1,330	2501	665	Utility issue fee (or reissue)		1502	480	2502	240	Design issue fee		1503	640	2503	320	Plant issue fee		1460	130	1460	130	Petitions to Commissioner		1807	50	1807	50	Fee under 37 CFR 1.17(q)		1806	180	1806	180	Submission of IDS	180.00	8021	40	8021	40	Record patent assignment		1809	770	2809	385	Filing submission after final		1810	770	2810	385	Each additional invention (37 CFR 1.129(a))		1801	770	2801	385	RCE		1802	900	1802	900	Request for expedited examination of design application		Other fee (specify) _____						SUBTOTAL (1)		(\$)		zero	
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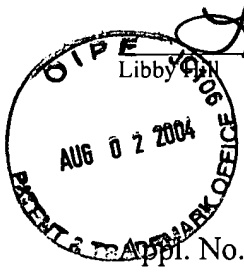
* Reduced by Basic Filing Fee Paid

SUBMITTED BY		(Complete (if applicable))			
Name (Print/Type)	N. Kenneth Burraston	Reg. No.	39,923	Telephone	(801) 323-5934
Signature				Date	July 28, 2004

CERTIFICATE OF MAILING

Ref. No.: 12439-0121

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/087,081 Confirmation No. 3189
Applicant : Grube et al.
Filed : March 1, 2002
TC/A.U. : 2812
Examiner : S. Whitmore

Docket No. : P177-US

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Listed on an attached Form PTO/SB/08A is information known to applicant(s).

A COPY OF EACH LISTED DOCUMENT IS NOT PROVIDED because each listed document was cited in the parent application US Serial No. 09/903,798. See 37 CFR § 1.98(d).

Applicants note that citation number 39 (U.S. Patent No. 6,729,019) in the attached listing is commonly owned with the above-identified patent application and may contain subject matter that is related to the subject matter of the above-identified patent application. The Examiner's attention is therefore directed to the prosecution history of the foregoing patent(s) and patent application(s) and prior art cited in these patent(s) and patent application(s); Applicants assume that the Examiner has access to all of the prosecution history, including the cited prior art, of these patents(s) and patent application(s), but Applicants will provide copies of all or any part of the prosecution history of or prior art from any of these patent(s) or patent application(s) upon request.

Applicants ask that the attached Form PTO/SB/08A be initialed and returned in accordance with MPEP §609. This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, material to patentability as defined in §1.56.

☐ This statement qualifies under 37 C.F.R. §1.97, subsection (b) because (check all that apply):

- ☐ (1) It is being filed within 3 months of the application filing date (other than the filing date of a continued prosecution application under §1.53(d))
-- OR --
- ☐ (2) It is being filed within 3 months of entry of a national stage
-- OR --
- ☐ (3) It is being filed before the mail date of the first Office Action on the merits
-- OR --
- ☐ (4) It is being filed before the mail date of the first Office Action after the filing of a request for continued examination under §1.114.

☒ 37 C.F.R. §1.97(c). If this statement is being filed after the latest of: (1) three months beyond the filing date of a national application; (2) three months beyond the date of entry of the national stage as set forth in §1.491 in an international application; (3) the mailing date of a first Office action on the merits, or (4) the mailing date of a first Office Action after the filing of a request for continued examination under §1.114, but before the mailing date of the earlier of a final office action under §1.113, a notice of allowance under §1.311, or an action that otherwise closes prosecution in the application, then:

☐ a statement as specified in §1.97(e) is provided below; **or**

☒ a fee of \$180.00 as set forth in §1.17(p) is authorized below, enclosed, or included with the payment of other papers filed together with this statement.

☐ 37 C.F.R. §1.97(d). If this statement is being filed after the mailing date of the earlier of a final office action under §1.113, a notice of allowance under §1.311, or an action that otherwise closes prosecution in the application, but before payment of the issue fee, then:

A. a statement as specified in §1.97(e) is provided below; **and**

B. a fee of \$180.00 as set forth in §1.17(p) is authorized below, enclosed, or included with the payment of other papers filed together with this statement.

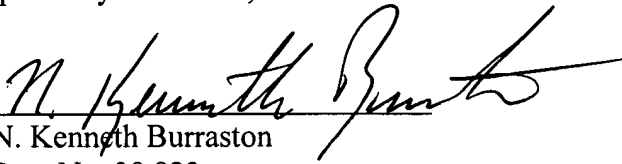
Fee:

- ☐ No fee is due.
- ☒ A check in the amount of \$180.00 for the above-identified fee(s) is enclosed.

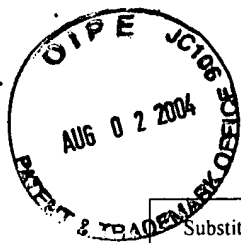
Respectfully submitted,

Date: July 28, 2004

By


N. Kenneth Burraston
Reg. No. 39,923

Kirton & McConkie
1800 Eagle Gate Tower
60 East South Temple
P.O. Box 45120
Salt Lake City, Utah 84111-1004
Telephone: (801) 323-5934
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12439-0121

Modified Form PTO/SB/08A

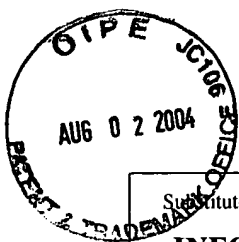
Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				<i>Complete If Known</i>	
				Application Number	10/087,081
				Filing Date	March 1, 2002
				First Named Inventor	Grube et al.
				Group Art Unit	2812
				Examiner Name	S. Whitmore
Sheet	1	of	3	Attorney Docket No.	P177-US

U.S. PUBLISHED PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant	Publication/Issue Date
		Number	Kind Code ²		
	1.	3849728		Evans	11/19/1974
	2.	4480223		Aigo	10/30/1984
	3.	4567432		Buol et al.	1/28/1986
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	20.	5534784		Lum et al.	7/9/1996
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	22.	5736850		Legal	4/7/1998
	23.	5806181		Khandros et al.	9/15/1998
	24.	5821763		Beaman et al.	10/13/1998
	25.	5828226		Higgins et al.	10/27/1998

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¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.



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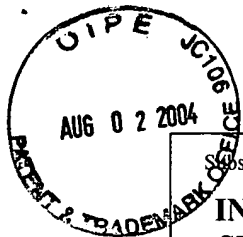
Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				<i>Complete If Known</i>	
				Application Number	10/087,081
				Filing Date	March 1, 2002
				First Named Inventor	Grube et al.
				Group Art Unit	2812
				Examiner Name	S. Whitmore
Sheet	2	of	3	Attorney Docket No.	P177-US

U.S. PUBLISHED PATENT DOCUMENTS					
Examiner Initials ⁴	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant	Publication/Issue Date
		Number	Kind Code ²		
	26.	5974662		Eldridge et al.	11/2/1999
	27.	6014032		Maddix et al.	1/11/2000
	28.	6043563		Eldridge et al.	3/28/2000
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	31.	6133744		Yajima et al.	10/17/2000
	32.	6160412		Martel et al.	12/12/2000
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	34.	6184576		Jones et al.	2/6/2001
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	38.	6289583		Belmont et al.	9/18/2001
	39.	6729019		Grube et al.	5/4/2004

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06. EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				<i>Complete If Known</i>		
				Application Number	10/087,081	
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				First Named Inventor	Grube et al.	
				Group Art Unit	2812	
Examiner Name	S. Whitmore					
Sheet	3	of	3	Attorney Docket No.	P177-US	

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant	Publication Date	T ⁶
		Office ³	Number ⁴	Kind Code ⁵			
	40.	EP	802419	A1	Soejima et al.	10/11/1997	
	41.	JP	05-029406		Nakao	2/5/1993	x
	42.	JP	06-050990		Kazami	2/25/1994	x
	43.	JP	06-249924		Kazumi et al.	9/9/1994	x
	44.	JP	08-015318		Suzuki et al.	1/19/1996	x
	45.	WO	98/52224	A1	Pedersen et al.	11/19/1998	
	46.	WO	00/33096	A1	Eldridge et al.	6/8/2000	
	47.	WO	00/75677	A1	Eslamy et al.	12/14/2000	
	48.	WO	01/09623	A1	Nanonexus, Inc.	2/8/2001	

OTHER PRIOR ART – NONPATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²	
	49.	LEUNG et al., "Active Substrate Membrane Probe Card," Center For Integrated Systems Stanford University (Oct. 12, 1995)		

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